## ABSTRACT OF THE DISCLOSURE

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An aqueous composition includes in dispersion an active hydrogenfunctional resin and a uretdione compound. The uretdione compound is a
crosslinker for the active hydrogen-functional resin. The uretdione compound does
not release volatile by-products during the curing reaction, which reduces regulated
emissions and increases the amount of coating solids weight converted to cured
coating on the substrate. The aqueous dispersion coating may be made by
combining a solid uretdione compound with a molten, water-dispersible resin,
salting the water-dispersible resin if necessary, and dispersing the resin mixture in
water. The molten, water-dispersible resin may have functionality reactive with the
uretdione compound, or the coating composition may contain a further waterdispersible resin having functionality reactive with the uretdione compound. The
coating composition of the invention is applied to a substrate and then cured to
produce a cured coating layer on the substrate. In a particular embodiment, the
coating composition of the invention is electrodepositable and is coated onto the
substrate by electrodeposition.